

AR09728PU-L

Human DNAJB2 (1-277, His-tag) - Purified

Alternate names:

DnaJ homolog subfamily B member 2, DnaJ protein homolog 1, HSJ-1, HSJ1, HSPF3, Heat shock 40 kDa protein 3, Heat shock protein J1

Quantity:

0.25 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

DnaJB2, also known as HSJ1 or HSPF3, is belongs to the DnaJ family. It is expressed almost exclusively in the brain, with the highest levels in the frontal cortex and hippocampus. The DnaJ family is one of the largest of all the chaperone families and has evolved with diverse cellular localization and functions. The DnaJ proteins play a critical role in the HSP70 chaperone machine by interacting with HSP70 to stimulate ATP hydrolysis. DnaJB2 is important mediators of proteolysis and are involved in the regulation of protein degradation, exocytosis and endocytosis.

Uniprot ID:

[P25686](#)

NCBI:

[NP_001034639](#)

GenelD:

[3300](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90%

Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl

Description:

Recombinant human DNAJB2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SSGLVPRGSH MGSMAYYEI LDVPRSASAD DIKKAYRKA LQWHPDKNPD
NKEFAEKKFK EAAEAYEVL DKHKREIYDR YGRELTGTG TGPSRAEAGS GGPFTFTFR
SPEEVFREFF GSGDPFAELF DDLGPFSELQ NRGSRHSGPF FTFSSSFGH SDFSSSSFSF
SPGAGAFRSV STSTTFVQGR RITTRRIMEN GQERVEVED GQLKSVTING VPDDLALGLE
LSRREQQPSV TSRSGGTQVQ QTPASCPLDS DLSEDEDLQL AMAYSLSEME AAGKKPADVF

Molecular weight: kDa (300aa) confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

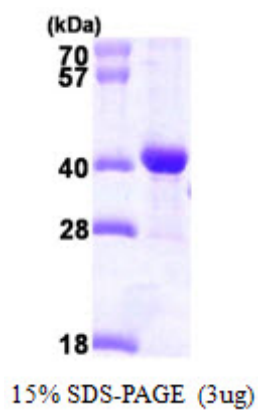
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Stewart GR., et al. (2004) Tuberculosis. 84(3-4):180-7.

Pictures:



Recombinant human DNAJB2, 1-277 aa,
His-tagged

